

*B1 C1 d*

08/202,505 filed February 28, 1994 (abandoned). This application also claims the priority of U.S. Patent Application Serial No. 08/971,521 filed November 17, 1997 which is a continuation of U.S. Patent Application Serial No. 08/689,459 filed August 9, 1996 (issued as U.S. Patent No. 5,689,111 on November 18, 1997), and which claims the priority of U.S. Provisional Application Serial No. 60/002,118 filed August 10, 1995, and U.S. Provisional Application Serial No. 60/002,122 filed August 10, 1995. The priority of all of the prior applications is claimed, and the disclosures of those applications are fully incorporated herein by reference.-

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- On page 3      line 13      change "spectrum" to -spectra-
- line 21      eliminate "hereby"
- On page 4      line 2      change "the ion multipole ion guide" to -the multipole ion guide-
- line 10      change "which" to -that-
- line 11      delete the comma after "voltages"
- line 16      change "can in a stable trajectory" to -can, in stable trajectories,-
- On page 5      line 2      change "could" to -can-
- line 8      change "as an ion traverses" to -as ions traverse-
- line 16      change "multipole in guide" to -multipole ion guide--
- On page 6      line 7      change "U is the DC voltage component amplitude, V is the primary AC or RF component frequency" to ~~U~~ U is the applied voltage amplitude, V is the applied primary AC or RF frequency-
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- B2*
- line 18      delete the word "component"
- line 19      change "voltage component set to zero the" to -voltage set to zero, the-
- On page 7      line 8      delete the period after "International"

- On page 8      line ~~1~~      after "technique", delete the word "method"
- On page 9      line ~~1~~      delete "component"
- line ~~6~~      after applied, add -to-
- line ~~18~~      change "which" to -that-
- line ~~18~~      change "or" to -of-
- On page 10     line ~~2~~      change "to an mass" to -to a mass-
- line ~~5~~      change "were described" to -was also described-
- On page 11     line ~~7~~      after "will", add -be-
- line ~~18~~      change "which" to -that-
- On page 12     line ~~16~~      change "which" to -that-
- line ~~21~~      after "operated" delete "as"
- On page 13     line ~~1~~      after "pulsed into" add -the-
- line ~~2~~      after "does" add -not-
- On page 15     line ~~15~~      change "API/multipole on guide" to -API/multipole ion guide-
- On Page 16    line ~~8~~      change "continuos" to -continuous-
- On page 20     line ~~16~~      after "these ions" delete "are"
- On page 23     line ~~2~~      change "In this mode" to "In this operating mode"
- line ~~4~~      after "continuously", delete "to"
- line ~~7~~      change "enter" to -entering TOF pulsing region 30-
- line ~~8~~      after "between lenses 34 and 35", add -,- (at the end of the line)
- line ~~9~~      after "polarity", add -,-

- line 20 after "and an" add -ion-
- line 21 change "are pulsed, the duty" to "are pulsed. The duty"
- On page 24
- line 1 after "respectively", add -at a 10 KHz TOF pulse rate"
- line 2 change "which" to -that-
- line 3 change "trajectories on ions through the multipole ion guide for the desired m/z range" to -trajectories for ions traversing the multipole ion guide length-
- line 6 change "TOF rate" to -TOF pulse rate above 10 KHz-
- line 18 change "average ion energy" to "average kinetic energy"
- On page 25 line 4 change "end 60 are rejected from leaving the exit end by" to -end 60 are prevented from leaving the entrance end-
- On page 26
- line 11 change "to some degree" to -in part-
- line 20 change "sweetspot" to -sweet spot-
- On page 28 line 10 after "subtracted", add -from-
- On page 30
- line 13 change "several fragments ions" to -several fragment ions-
- line 18 after "Thus", add -,-
- On page 33 line 11 after "values", delete "will"
- On page 39 line 12 after "acquisition", add -,-
- On page 40 line 19 change "sequence above for higher generation fragment ion for the desired number times to create the" to sequence above for the required number of times to create the-